

PRELIMINARY LOCAL CLIMATOLOGICAL DATA MONTH December YEAR 2022

LATITUDE 42° 13' N LONGITUDE 71° 07' W GROUND ELEVATION 629 FT. STANDARD TIME Eastern

DAY	TEMPERATURE °F			DEGREE DAYS (Base 65°)		PRECIPITATION (in.)		SNOW, ICE PELLETS OR ICE ON GROUND AT 0700E		WIND		SUNSHINE		SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	PEAK GUST (m.p.h.)	DIRECTION OF PEAK GUST	AVG. STATION PRESSURE (mb)	AVG. STATION VAPOR PRESSURE (mb)	
	MAXIMUM	MINIMUM	AVERAGE	HEATING	COOLING	TOTAL (Water Equivalent)	SNOWFALL, ICE PELLETS	AVERAGE SPEED (m.p.h.)	FASTEST MILE	TOTAL (Min.)	PERCENT OF POSSIBLE	SPEED	DIRECTION							
1	2	3	4	5	6a	6b	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	40	30	35	-2	30	0	0.00	0.0	0	17.9	44	NW	520	93			54	NW	995	3.3
2	44	27	36	-1	29	0	0.00	0.0	0	10.2	18	S	535	96			24	SSW	1008	4.2
3	57	36	47	11	18	0	0.31	0.0	0	23.5	37	SSW	0	0		1	54	SSW	994	12.0
4	41	30	36	0	29	0	0.00	0.0	0	9.4	28	WNW	355	64			39	WNW	996	3.9
5	48	29	39	3	26	0	0.00	0.0	0	13.2	25	SSW	454	82			32	SSW	1002	5.0
6	54	38	46	11	19	0	0.09	0.0	0	16.0	25	SE	0	0		1,2	30	SSE	1005	9.6
7	56	46	51	16	14	0	0.85	0.0	0	17.2	27	SSE	0	0		1,2	39	SSE	997	13.3
8	53	33	43	8	22	0	0.00	0.0	0	13.9	23	NNW	534	97			36	NNW	996	6.8
9	44	29	37	3	28	0	0.00	0.0	0	12.4	18	N	549	100			29	N	999	2.8
10	31	27	29	-5	36	0	0.04	0.4	0	10.3	17	NE	0	0			27	NE	1005	4.0
11	30	23	27	-7	38	0	0.15	2.1	1	10.0	17	NNE	0	0			25	NNE	1001	3.8
12	29	21	25	-9	40	0	T	T	2	11.6	17	NNW	395	72			24	N	996	3.3
13	38	19	29	-4	36	0	0.00	0.0	1	13.9	26	NNW	547	100			38	NNW	996	2.8
14	35	18	27	-6	38	0	T	0.1	1	16.7	28	NNW	546	100			42	NNW	992	2.7
15	40	30	35	2	30	0	0.09	0.0	1	12.5	25	E	0	0			40	E	999	6.7
16	42	39	41	9	24	0	1.88	0.0	0	20.0	32	E	0	0		1	47	E	984	8.3
17	42	31	37	5	28	0	0.45	0.1	T	15.1	24	NW	44	8		1	37	WNW	977	5.6
18	39	27	33	1	32	0	0.00	0.0	0	12.2	23	WNW	365	67			29	NW	986	4.0
19	39	25	32	0	33	0	0.00	0.0	0	15.9	34	WNW	469	86			41	WNW	993	3.7
20	38	25	32	1	33	0	0.00	0.0	0	12.0	23	NW	544	100			34	NW	1002	3.3
21	37	22	30	-1	35	0	0.00	0.0	0	8.1	14	N	496	91			17	N	1007	8.1
22	43	28	36	5	29	0	0.28	0.0	0	11.3	31	E	38	7			44	E	1005	6.0
23	55	15	35	4	30	0	1.37	T	0	30.9	49	SE	0	0		1	74	SE	968	8.8
24	17	6	12	-18	53	0	0.00	0.0	0	15.8	27	WSW	529	97			37	WSW	980	1.2
25	25	9	17	-13	48	0	0.00	0.0	0	13.0	20	WSW	540	99			29	WSW	986	1.5
26	32	15	24	-6	41	0	0.00	0.0	0	8.9	16	WSW	519	95			23	WSW	995	2.1
27	34	22	28	-2	37	0	0.00	0.0	0	8.1	16	WNW	246	45			23	WNW	1000	2.5
28	40	22	31	2	34	0	0.00	0.0	0	11.8	24	SSW	71	13			35	SSW	1001	3.6
29	54	33	44	15	21	0	0.00	0.0	0	12.1	19	SW	421	77			27	SW	1001	5.5
30	63	39	51	22	14	0	0.00	0.0	0	12.3	20	SSW	395	72			26	SSW	1000	6.8
31	54	43	49	20	16	0	0.40	0.0	0	13.8	23	WSW	0	0		1,2	29	WSW	992	12.8
SUM	1294	837	-----	-----	941	0	5.91	T	-----	430.0	-----	-----	9112	-----	-----	-----	-----	-----	-----	168
AVG	41.7	27.0	-----	-----	-----	-----	-----	-----	-----	13.9	FASTEST	DIR.	POSSIBLE	%	-----	-----	-----	-----	-----	5.4
										MISC.	49	SE	17001	54	-----	-----	74	SE	-----	-----

TEMPERATURE DATA		WEATHER		SYMBOLS USED IN COLUMN 16											
AVERAGE MONTHLY	34.4	TOTAL FOR THE MONTH	5.91 IN.	1 = FOG REDUCING VISIBILITY TO 6 MILES OR LESS											
DEPARTURE FROM NORMAL	+1.9	DEPARTURE FROM NORMAL	0.52 IN.	2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS											
HIGHEST	63 ON 30th	GRTST IN 24 HRS.	2.16 ON 16-17th	3 = THUNDER											
LOWEST	6 ON 24th	SNOWFALL, ICE PELLETS		4 = ICE PELLETS											
NUMBER OF DAYS WITH -		TOTAL FOR THE MONTH	2.7 IN.	11 = HAIL											
MAX 32° OR BELOW	6	GRTST IN 24 HRS.	2.1 ON 11th	8 = GLAZE OR RIME											
MAX 90° OR ABOVE	0	GRTST DEPTH 07E	2 ON 12th	3 = BLOWING DUST OR BLOWING SAND											
MIN 32° OR BELOW	23	PRESSURE DATA		2 = REDUCING VISIBILITY TO 1/4 MILE OR LESS											
MIN 0° OR BELOW	0	HIGHEST SEA-LEVEL	30.537 IN. ON 22-Dec	8 = SMOKE OR HAZE											
HEATING DEGREE DAYS (Base 65°)		LOWEST SEA-LEVEL	29.037 IN. ON 23-Dec	9 = BLOWING SNOW											
TOTAL THIS MONTH	941	MAXIMUM PRECIPITATION		X = TORNADO											
DEPARTURE FROM NORMAL	-65	Dt (Minutes)	5 10 15 20 30 45 60	80 100 120 150 180											
SEASONAL TOTAL	1910	PRECIPITATION (Inches)	0.15 0.16 0.17 0.18 0.21 0.24 0.27	0.36 0.43 0.50 0.59 0.67											
DEPARTURE FROM NORMAL	-300	ENDED: DATE	16-Dec 16-Dec 16-Dec 16-Dec 16-Dec 16-Dec 23-Dec 23-Dec 23-Dec 23-Dec 23-Dec												
COOLING DEGREE DAYS (Base 65°)		TIME	1330E 1338E 1342E 1346E 1359E 1414E	0133E 0119E 0129E 0156E 0210E 0226E											
TOTAL THIS MONTH	0	BAROMETRIC PRESSURE		AVERAGE RELATIVE HUMIDITY											
DEPARTURE FROM NORMAL	0	Hpc. 649 FT. MSL		1AM: 77% 1PM: 64%											
SEASONAL TOTAL	889	Avg Station Pressure: 29.388 in.		7AM: 80% 7PM: 71%											
DEPARTURE FROM NORMAL	+212	Avg Sea Level Pressure: 30.112 in.		Pk. Gust ASOS OUT OF SERVICE											
		CLIMAT 74492 9952 0197 0013 05410 01504 15223 0941		PREV. WIND DIR. WSW 13%											
				STATION INDEX NO: 19-0736-02											